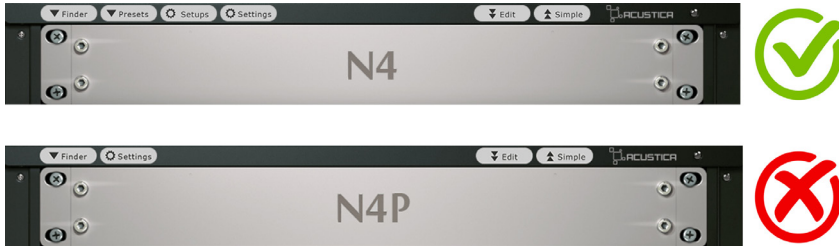




Tim Petherick Phaser Pedal Pack

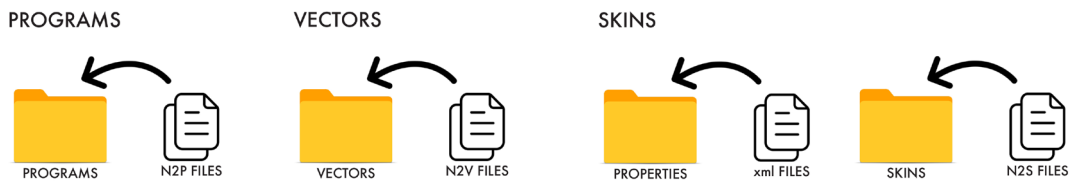
Installation: Please note that these libraries work with N3 and N4, not the N4 Player.



Download library folders from your account, unzip, then drag and drop the library files into their corresponding folders in the Nebula4 folder:

Windows: C:\nebula4temprepository

Mac OS: HD>Library>Audio>Presets>AcusticaAudio>Nebula4

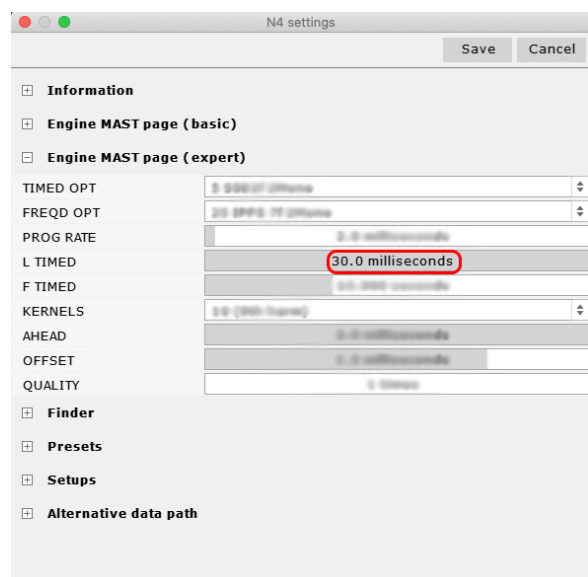


Note: These libraries require you to make a change to the LTIMED parameter in N4. Change this to 30.0 ms in the Settings of the N4 plugin, MAST page (expert), see example on the right. Then press save and re-open N4.

For setups use the following tweak:

Name: LTIMED

Value: 30000





Blue Phaser: Is a new addition to Classic Phasers. From the PT series the original pedal only featured a speed control. However, Blue Phase has added depth, center and mix controls.

Controls:

Speed: Controls the rate of the lfo.

Depth: Controls the width of the lfo.

Center: Controls the position of the sweep through the lfo.

Mix: Controls the overall effect vs dry signal.

...

Classic Vibe: An emulation of that famous pulsating sound. Originally these pedals were intended to replicate the sound of Rotary speakers. They have a sound of their own and were most famously used by guitarists. The pedal contains 1 light and 4 photo cells. The chorus and vibrato were sampled! Now all speeds are contained in 1 preset. Three intensities were sampled 1. Intensity, which works as a pass through. 2. Medium intensity 3. High intensity. Special inverted vibrato versions are available for when mixing in the dry signal around 50%. This gives it a different sound to the regular version.



Chorus Controls:

Rate: Controls the rate of the lfo.

Mix: Controls the overall effect vs dry signal.

...



Vibrato Controls:

Rate: Controls the rate of the lfo.

Mix: Controls the overall effect vs dry signal.



Vibrato Inverted Controls:

Rate: Controls the rate of the lfo.

Mix: Controls the overall effect vs dry signal.

...



More Phaser: A classic pedal phaser with a versatile set of controls. It contains 2 lamps (light sources) and multiple photo cells, making it a very complex pedal. V2 now features fully variable controls, cutting down on preset count. Harmonics increases the intensity of the effect, Travel is the depth/width of the effect, while center changes the position of the effect.

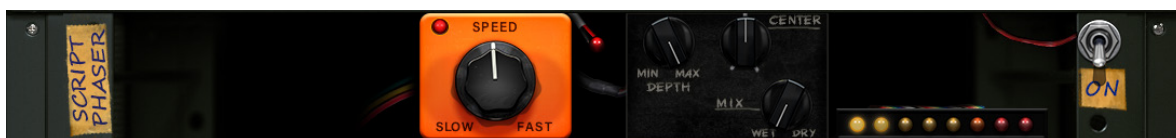
Controls:

Speed: Controls the rate of the lfo.

Harmonics: Controls the intensity of the effect.

Travel: Controls the width of the lfo.

...



Script 90 Phaser: A well known pedal! Simple design incorporating a simple non opto, lfo driven solid state cascade. V2 now features an all in one preset with added depth, center control and mix.

Controls:

Speed: Controls the rate of the lfo.

Depth: Controls the width of the lfo.

Center: Controls the position of the sweep through the lfo.

Mix: Controls the overall effect vs dry signal.

...



Stone Phaser: Much like the Script 90, this pedal has a non opto, lfo driven solid state cascade with a single speed control. The main difference is the colour switch which changes the character of the phase. What makes this pedal unique is it's warmth. V2 now contains an all in one speed control in two switch positions (up and down). With added depth, center and mix controls.

Controls:

Speed: This controls the rate of the lfo

Depth: Depth controls the width of the lfo

Center: Controls the position of the sweep through the lfo.

Mix: Controls the overall effect vs dry signal.

...



Tank Phaser: Tank phaser is a fat sounding phaser from the 70s AP series. The original pedal had two controls, rate and resonance. However Tank phaser has a added Depth, Center and Mix controls.

Controls:

Rate: Controls the rate of the lfo

Resonance: Increases the intensity of the effect.

Depth: Controls the width of the lfo.

Center: Controls the position of the sweep through the lfo.

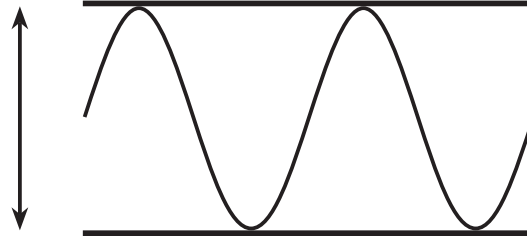
Mix: Controls the overall effect vs dry signal.

...

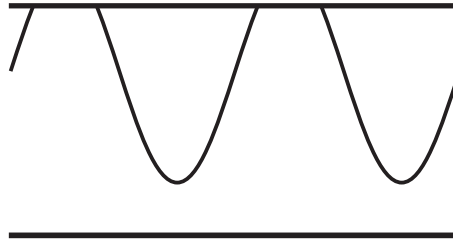
Appendix:

A visual, technical representation.

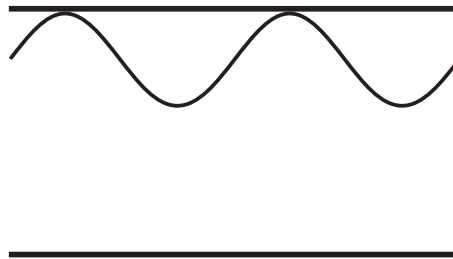
Max Width



When the center (zero) control is off to one side and the depth (width) control is max, this acts like the lfo has been truncated, stopping the lfo effect at the top or the bottom edges of depth.



We can remedy this by making the depth (width) smaller and we can find a nice range using the center control.



By putting the depth (width) to zero we can now use the center (zero) control to be used as a manual effect. Now the center (zero) control can be used to find different set comb filters

